

AMENDMENTS TO THE CLAIMS

1. (Currently amended) Method of determining and displaying powers of code channels of a CDMA signal, the powers of the individual code channels being determined and shown on an output device[[20]], characterised by the following method steps:

[[-]] determining the powers of the individual code channels respectively for an in-phase arm [[(7)]] and a quadrature phase arm [[(8)],

[[-]] showing the powers of the code channels of the in-phase arm [[(7)]] and/or the powers of the code channels of the quadrature phase arm [[(8)],

in the representation of the powers of the code channels of the in-phase arm [[(7)], the powers of those code channels, which are inactive in the in-phase arm [[(7)]] but active in the quadrature phase arm [[(8)], being shown distinguishably from the powers of the remaining code channels and/or

in the representation of the powers of the code channels of the quadrature phase arm [[(8)], those code channels, which are inactive in the quadrature phase arm [[(8)]] but active in the in-phase arm [[(7)], being shown distinguishably from the remaining code channels.

2. (Currently amended) Method according to claim 1,
characterised in that

those code channels, which are active both in the in-phase arm [[(7)]] and in the quadrature phase arm [[(8)], are shown in the respective representation of the powers of the code channels of the in-phase arm [[(7)]] or respectively of the quadrature phase arm [[(8)] distinguishably from the remaining code channels.

3. (Currently amended) Method according to claim 1 or 2,
characterised in that

in the representation of the powers of the code channels of the in-phase arm [(7)] or respectively of the quadrature phase arm [(8)], for graphic differentiation, the powers of the code channels which are active only in the in-phase arm [(7)] or respectively only in the quadrature phase arm [(8)], of the code channels which are inactive in the in-phase arm [(7)] or respectively in the quadrature phase arm [(8)] but active in the quadrature phase arm [(8)] or respectively in-phase arm [(7)] and/or of the code channels which are active in both arms [(7, 8)] are shown respectively distinguishably by colour or graphically.

4. (Currently amended) Method according to ~~one of the claims 1 to 3~~ claim 1, characterised in that

the representation of the powers of the code channels of the in-phase arm [(7)] and/or of the quadrature phase arm [(8)] is effected in respectively one diagram (~~23, 24~~).

5. (Currently amended) Method according to ~~one of the claims 1 to 3~~ claim 1, characterised in that

the representation of the powers of the code channels of the in-phase arm [(7)] and/or of the quadrature phase arm [(8)] is effected together in one diagram.

6. (Currently amended) Analysis device [(1)] for analysing a CDMA signal, having a receiver device [(3-6)] for receiving the CMDA signal, a modulator (~~9-12~~) for demodulating the received signal of a power measuring device (~~18_I, 18_Q~~) for measuring the power of individual code channels and an output device [(20)] for displaying the powers measured in the individual code channels,

characterised in that,

by means of the power measuring device [(18)], the powers of the code channels for the in-phase arm [(7)] and for the quadrature phase arm [(8)] are measurable separately from each

other and in that, by means of the output device [(20)], the powers of the code channels of the in-phase arm [(7)] and/or of the quadrature phase arm [(8)] are able to be shown,

wherein, by means of the output device [(20)], in the representation of the powers of the code channels of the in-phase arm [(7)], those code channels, which are inactive in the in-phase arm [(8)] but active in the quadrature phase arm [(8)], are able to be shown distinguishably from the remaining code channels, and/or

wherein, by means of the output device [(20)], in the representation of the powers of the code channels of the quadrature phase arm [(8)], those code channels, which are inactive in the quadrature phase arm [(8)] but active in the in-phase arm [(7)], are able to be shown distinguishably from the remaining code channels.